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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/581,477

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Clemens De Vroome

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EXAMINER

NGUYEN, ANTHONY H

ART UNIT

PAPER NUMBER

2854

MAIL DATE

DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/581,477	<b>Applicant(s)</b> DE VROOME ET AL.	
	<b>Examiner</b> ANTHONY H. NGUYEN	<b>Art Unit</b> 2854	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 06 April 2009.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 11,13-17 and 19-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11,13-17 and 19-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>4/6/2009</u> .  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Drawings***

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the steam-heatable roller (claim 13), water-heatable roller (claim 21), microwave source (claim 22) and infrared light source (claim 23) and the device for producing a lateral tension in the web substrate (claims 16 and 20) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 U.S.C. § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 11, 13-17 and 19-24 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Quadracci (US 5,108,531) in view of Heikkila et al. (US 6,311,410).

With respect to claims 11 and 19, Quadracci teaches a web-fed rotary press 10 and method for printing on a web 30 having a web guide 19 for guiding a web along a path through a printing unit 20, a dryer 22 for drying the printed web and an additional device 14, 15 which is positioned upstream of the printing unit 20 for inputting or supplying heat on a web along the path as shown in the Figure. Quadracci does not clearly teach the additional device for inputting heat which is being fed from the exhaust air from the dryer. Heikkila et al. teach a device and method for drying a web having an additional device (a dryer 32) in which heat is fed from the exhaust air from a dryer 34 or 36 (Figs. 5 and 60). In view of the teaching of Heikkila et al., it would have been obvious to one of ordinary skill in the art to modify the press of Quadracci by providing the additional device for inputting heat which is being fed by energy from the exhaust air as taught by Heikkila et al. to improve the efficiency of using energy for heating a web.

With respect to claim 13, Quadracci and Heikkila et al. teach all that is claimed, except the steam-heatable roller in an additional device. However, the use of steam-heatable roller in

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an additional device (a dryer) is well known in the art. It would have been obvious to one of ordinary skill in the art to modify the dryer of Quadracci and Heikkila et al. to use the well known steam-heatable roller in Quadracci for the advantage of providing separate heating system in an additional device giving the user a choice of heating system to use with a printing press.

With respect to claim 14, the selection of a desired position for the cooling unit along a feed path such as the last position of a selected additional device along the feed path would be obvious through routine experimentation depending upon a desired printing configuration.

With respect to claim 15, the device of Quadracci includes a plurality of chill rolls 15 (Quadracci, col.3, line 31).

With respect to claims 16-17 and 20-24, the use of lateral tension device such as a motorless belts or a plurality of gripper or the use water-heatable roller, a microwave source, an infrared light source for inputting heat is well known in the art. For example, see Heikkila et al., col.1, second paragraph. Also, it is noted that those devices are well known is clearly apparent in the fact that applicant does not disclose any specific structure for the devices.

### ***Response to Arguments***

Applicant's arguments with respect to claims 11, 13-17 and 19-20 have been considered but are moot in view of the new ground(s) of rejection.

Applicant argues that the steam-heatable roller, water-heatable roller, microwave source and infrared light source are shown in the drawings.

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However, the positive recited elements are not shown in the drawings as filed since applicant fails to show which elements in the drawings are the steam-heatable roller, water-heatable roller, microwave source and infrared light source. Therefore, the objection is repeated.

### ***Conclusion***

The patents to Lind, Rudd et al. and Miyake et al. et al. are cited to show other structures and methods having obvious similarities to the claimed structure and method.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action.

Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony Nguyen whose telephone number is (571) 272-2169. The examiner can normally be reached daily from 9 AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen, can be reached on (571) 272-2258.

The fax phone number for this Group is (571) 273-8300.

/Anthony H Nguyen/  
Primary Examiner, Art Unit 2854